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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ----- 46
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:
5SCRL

MEMORANDUM

DATE: MAY 02 1989

SUBJECT: Laboratory Evaluation Request for American Chemical Services (IN) PRP lead site

FROM: Curtis Ross, Director
Central Regional Laboratory
Chuck Eddy for

TO: Norman Niedergang, Chief
Remedial Enforcement Response Branch WMD

Following are our comments for the laboratory evaluation for American Chemical Services (IN).

Laboratory A: Compuchem Laboratory is a CLP Laboratory in good standing for organic analysis and needs no further evaluation. We suggest that this laboratory should be identified in the QAPP. The draft copy of the QAPP dated September 28, 1988, did not list the Compuchem Laboratory our organic analysis.

Laboratory B: Hazelton Laboratory is also a CLP Laboroatory in good standing, but Appendix C provides all non CLP-SOP's. This needs to be clarified before any evaluation is performed on this laboratory.

Laboratory C: Identified as Warzyn's Laboratory for inorganic TCL metals, cyanide and indicator parameters. The way the QAPP is written, it is not clear if Warzyn is really following the CLP protocol or not. Following are the references which provide different interpretations which need to be clarified before an evaluation is made.

1) QAPP Page 15-16.

"Analysis of ground water samples for TCL inorganics listed in Appendix B."

2) On Page 19, Section 5.1.2 Laboratory Analysis.

"Level of QC effort for TCL inorganic and general water quality indicators are described with methods in Appendix D."

3) Page 27, Section 9.2.1.

Samples analyzed by Warzyn for TCL inorganic parameters (See Appendix B for analytes list) will follow the CLP protocol outlined in the CLP Statement of Work SOW 787 or the most recent revision.

If Warzyn attempts to do inorganic analyses as stated in items 1 or 3, they do not have capability and a new laboratory should be selected.

If Warzyn's statement on item 2 is true, then Warzyn can perform inorganic parameters using Appendix D of the QAPP, but the QAPP needs to be modified to make this clarification.